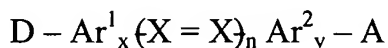


In the Claims:

Please amend claims 7 and 15, and cancel claims 19-22. A detailed listing of the claims is provided, below.

1. (Previously Presented) An intrinsically acentric chromophore compound of a formula



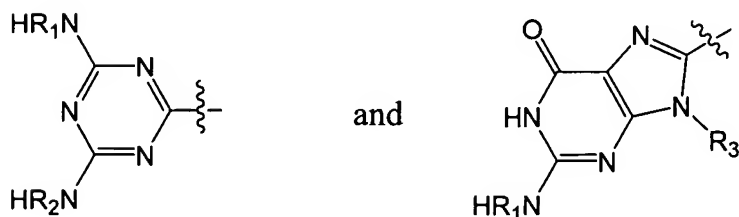
wherein D is a moiety comprising a plurality of hydrogen bond-forming hydrogen donor groups; A is a moiety comprising a plurality of hydrogen bond-forming hydrogen acceptor groups;  $(-X = X-)$  is a  $\pi$ -bonded component comprising at least one of carbon and a heteroatom; n, x and y are independently  $\geq 0$ ; and  $x + y \geq 1$ .

2. (Original) The chromophore compound of claim 1 of a formula  
 $D - Ar^1 (X = X)_n Ar^2 - A$ .

3. (Original) A chromophore compound of claim 1 of a formula  
 $D - Ar^1 (X = X)_n A$ .

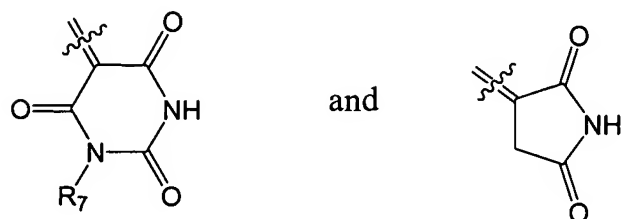
4. (Original) The chromophore compound of claim 1 of a formula  
 $D (X = X)_n - Ar^2 - A$ .

5. (Original) The chromophore compound of claim 1 wherein said D comprises a moiety having a structural formula selected from



wherein  $R_1$ - $R_3$  are independently selected from hydrogen, electron-donating substituents and electron-withdrawing substituents.

6. (Original) The chromophore compound of claim 1 wherein said A comprises a moiety having a structural formula selected from



wherein  $R_7$  is selected from hydrogen, electron-donating substituents and electron-withdrawing substituents.

7. (Currently Amended) The chromophore compound of claim 1 wherein  $(-X = X-)_n$  comprises a moiety having a structural formula selected from  $(-C = C-)_n$  and

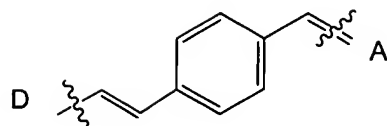


wherein  $m + m' \geq 1$ .

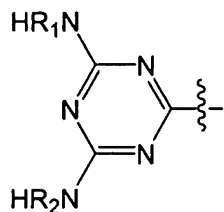
8. (Original) The chromophore compound of claim 1 wherein said  $Ar^1$  and said  $Ar^2$  are independently selected from phenyl, benzylidene, pyridinyl, pyrimidinyl, thiophenyl and thiazinyl moieties.

9. (Original) The chromophore compound of claim 8 wherein  $x + y = 1$ .

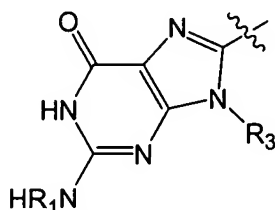
10. (Original) An intrinsically acentric chromophore compound of a formula



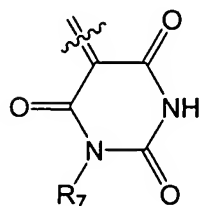
wherein D is a moiety having a structural formula selected from



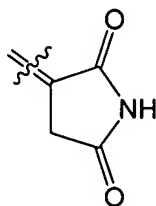
and



and A is a moiety having a structural formula selected from

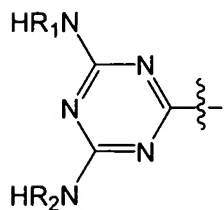


and

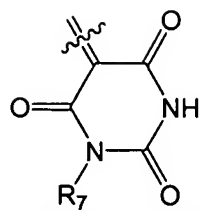


wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>7</sub> are independently selected from hydrogen, electron-donating substituents and electron-withdrawing substituents.

11. (Original) The chromophore compound of claim 10 wherein said D comprises a triazin-2-yl moiety of a structural formula

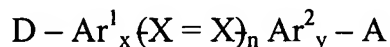


and said A comprises a pyrimidin-2,4,6-trione-3-yl moiety of a structural formula



wherein R<sub>1</sub>, R<sub>2</sub> and R<sub>7</sub> are H.

12. (Previously Presented) An intrinsically acentric electro-optic film comprising hydrogen-bonded chromophore compounds of the formula

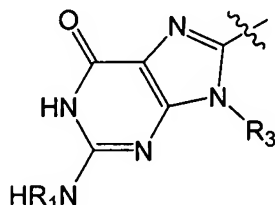


wherein D is a moiety comprising a plurality of hydrogen bond forming hydrogen donor groups; A is a moiety comprising a plurality of hydrogen bond-forming hydrogen acceptor groups; (-X = X-) is a  $\pi$ -bonded component comprising at least one of carbon and a heteroatom; n, x and y are independently  $\geq 0$ ; and x + y is  $\geq 1$ .

13. (Original) The electro-optic film of claim 12 wherein said D comprises a moiety having a structural formula selected from

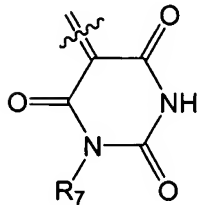


and

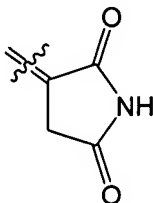


wherein R<sub>1</sub>-R<sub>3</sub> are independently selected from hydrogen, electron-donating substituents and electron-withdrawing substituents.

14. (Original) The electro-optic film of claim 12 wherein said A comprises a moiety having a structural formula selected from

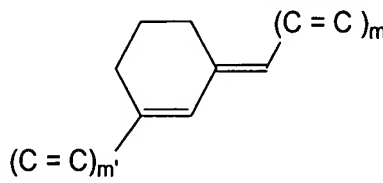
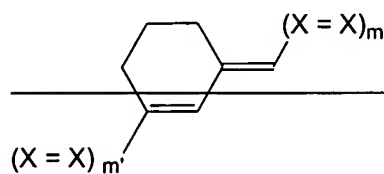


and



wherein  $R_7$  is selected from hydrogen, electron-donating substituents and electron-withdrawing substituents.

15. (Currently Amended) The electro-optic film of claim 12 wherein  $(-X = X-)_n$  comprises a moiety having a structural formula selected from  $(-C = C-)_n$  and



wherein  $m + m' \geq 1$ .

16. (Original) The electro-optic film of claim 12 wherein  $x + y = 1$ .

17. (Original) The electro-optic film of claim 12 wherein said film is on a substrate comprising a component selected from a hydrogen-donor moiety and a hydrogen-acceptor moiety, for hydrogen bonding with said chromophore.

18. (Original) The electro-optic film of claim 17 wherein said substrate comprises the condensation product of hydroxylated indium tin oxide and an aminoalkyltrialkoxysilane.

19-22. (Canceled).